

Notes by Alexander Graham Bell and J.A.D. McCurdy, from October 12 to October 13

A Notes by Mr. Bell

Oct. 12 :— Measured distance from the starting point of Baddeck No.II to the Ugly Duckling Houseboat. Total 665 paces.

Casey and Douglas took advantage of interval between rainstorms to try the machine. Casey was aviator throughout. Ran over the field not attempting to get into the air, or at least not trying to do more than lighten machine. Much impressed with the disadvantage of trying to get speed on rough ground. Surely the engine and propeller must be very powerful to move her at all. After Casey came to a stop the second time I noticed that the propeller gave one or two kicks after he had shut off power. Does this indicate that the engine was hot? They have sent their radiator in to the factory on account of insufficient circulation, and are using the square automobile radiator.

The aviator's seat has been moved forward about a foot in front of the radiator and have shortened the connecting rod of the front control. AGB

Flights of Baddeck No.II

Oct. 13 :— John has just had a grand flight after taking the machine down the meadow along the river bank about 500 yards, rising at intervals a few feet, he brought her back leaving the ground about 250 yards from the Houseboat. He turned and made a half circle over towards the farm house. He was up forty-two seconds and was from six to ten feet in the air. We are all very much elated and think it is the 2 beginning of great things. KSB

Oct. 13 :— Experiments to-day were witnessed by A.G. Bell, F.W. Baldwin, Willie McDonald, Willie McRae (Big Farm), John McDermid, Miss Darling of Toronto and Mrs.

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F.W. Baldwin, Dan McRae and sister (Big Farm) and lady, McPherson Jr. of Baddeck.
McC

Oct.13 :— Started machine up river course. Did not feel like staying in air so I advanced throttle a little and away she went after travelling over about 250 yards of ground. Flew up to a height of about what I judged 20 feet and came past shed and houseboat. Circled by the river, crossed the meadow and, when heading for Nyanza, shut off and glided to ground, covering a distance of 792 yards (paced); time 42 seconds. This gives a speed of 39.6 miles per hour. Balance seemed good and controls worked well. Throttle was about $\frac{3}{4}$ ways open. McC.